

# SEMINAR SERIES

Supported by The Department of Biomechanics and  
The Center for Research in Human Movement Variability (MOVCENTR)

## ADVANCED NANOFIBROUS MATERIALS FOR HUMAN PERFORMANCE

Featuring Dr. Yury Salkovskiy  
University of Nebraska at Omaha



Friday, Dec. 3 | 12:00 - 1:15 pm | Via Zoom

<https://unomaha.zoom.us/j/92012305734>



### PRESENTATION ABSTRACT

This presentation will discuss the design and characterization of nanofibrous materials for protective and sports applications with particular emphasis on respiratory protection and optimizing the heat transfer and permeability properties of textiles.

### ABOUT DR. SALKOVSKIY

Dr. Yury Salkovskiy joined the Department of Biomechanics as an Assistant Professor in January of 2021. He received his Ph.D. in Engineering Mechanics from the University of Nebraska-Lincoln. His research focuses on target-specific design of nanostructured materials for respiratory protection and protective clothing, as well as for biomedical applications, including wound care, cardiovascular devices, tissue engineering, and prosthetics.

more info at [cobre.unomaha.edu](http://cobre.unomaha.edu)

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